



IFWO

RAW SEQUENCE LISTING

DATE: 09/23/2004

PATENT APPLICATION: US/10/810,362

TIME: 12:56:49

Input Set : A:\PTO.LM.txt

Output Set: N:\CRF4\09232004\J810362.raw

3 <110> APPLICANT: Digicaylioglu, Murat
 4 Lipton, Stuart
 6 <120> TITLE OF INVENTION: Pharmaceutical Compositions for Treating Painful Neuropathy
 and Methods

7 of Treating Same

9 <130> FILE REFERENCE: 22531-509

11 <140> CURRENT APPLICATION NUMBER: 10/810,362

12 <141> CURRENT FILING DATE: 2004-03-25

14 <150> PRIOR APPLICATION NUMBER: 60/457,532

15 <151> PRIOR FILING DATE: 2003-03-25

17 <160> NUMBER OF SEQ ID NOS: 8

19 <170> SOFTWARE: PatentIn version 3.0

21 <210> SEQ ID NO: 1

22 <211> LENGTH: 166

23 <212> TYPE: PRT

24 <213> ORGANISM: Homo sapiens

26 <400> SEQUENCE: 1

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29 1 5 10 15

31 Leu Glu Ala Lys Glu Ala Glu Asn Ile Thr Thr Gly Cys Ala Glu His

32 20 25 30

34 Cys Ser Leu Asn Glu Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe

35 35 40 45

37 Tyr Ala Trp Lys Arg Met Glu Val Gly Gln Gln Ala Val Glu Val Trp

38 50 55 60

40 Gln Gly Leu Ala Leu Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu

41 65 70 75 80

43 Leu Val Asn Ser Ser Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp

44 85 90 95

46 Lys Ala Val Ser Gly Leu Arg Ser Leu Thr Thr Leu Leu Arg Ala Leu

47 100 105 110

49 Arg Ala Gln Lys Glu Ala Ile Ser Pro Pro Asp Ala Ala Ser Ala Ala

50 115 120 125

52 Pro Leu Arg Thr Ile Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val

53 130 135 140

55 Tyr Ser Asn Phe Leu Arg Gly Lys Leu Lys Leu Tyr Thr Gly Glu Ala

56 145 150 155 160

58 Cys Arg Thr Gly Asp Arg

59 165

61 <210> SEQ ID NO: 2

62 <211> LENGTH: 507

63 <212> TYPE: PRT

64 <213> ORGANISM: Homo sapiens

66 <400> SEQUENCE: 2



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68 Met Asp Gln Leu Arg Val Ala Arg Trp Pro Arg Val Ser Pro Leu Cys
69 1 5 10 15
71 Leu Leu Leu Ala Gly Ala Ala Trp Ala Ser Ser Pro Ser Leu Pro Asp
72 20 25 30
74 Pro Lys Phe Glu Ser Lys Ala Ala Leu Leu Ala Ser Arg Gly Ser Glu
75 35 40 45
77 Glu Leu Leu Cys Phe Thr Gln Arg Leu Glu Asp Leu Val Cys Phe Trp
78 50 55 60
80 Glu Glu Ala Ala Asn Ser Gly Met Gly Phe Asn Tyr Ser Phe Ser Tyr
81 65 70 75 80
83 Gln Leu Glu Gly Glu Ser Arg Lys Ser Cys Arg Leu His Gln Ala Pro
84 85 90 95
86 Thr Val Arg Gly Ser Met Arg Phe Trp Cys Ser Leu Pro Thr Ala Asp
87 100 105 110
89 Thr Ser Ser Phe Val Pro Leu Glu Leu Gln Val Thr Glu Ala Ser Gly
90 115 120 125
92 Ser Pro Arg Tyr His Arg Ile Ile His Ile Asn Glu Val Val Leu Leu
93 130 135 140
95 Asp Ala Pro Ala Gly Leu Leu Ala Arg Arg Ala Glu Glu Gly Ser His
96 145 150 155 160
98 Val Val Leu Arg Trp Leu Pro Pro Pro Gly Ala Pro Met Thr Thr His
99 165 170 175
101 Ile Arg Tyr Glu Val Asp Val Ser Ala Gly Asn Arg Ala Gly Gly Thr
102 180 185 190
104 Gln Arg Val Glu Val Leu Glu Gly Arg Thr Glu Cys Val Leu Ser Asn
105 195 200 205
107 Leu Arg Gly Gly Thr Arg Tyr Thr Phe Ala Val Arg Ala Arg Met Ala
108 210 215 220
110 Glu Pro Ser Phe Ser Gly Phe Trp Ser Ala Trp Ser Glu Pro Ala Ser
111 225 230 235 240
113 Leu Leu Thr Ala Ser Asp Leu Asp Pro Leu Ile Leu Thr Leu Ser Leu
114 245 250 255
116 Ile Leu Val Leu Ile Ser Leu Leu Leu Thr Val Leu Ala Leu Leu Ser
117 260 265 270
119 His Arg Arg Ala Leu Arg Gln Lys Ile Trp Pro Gly Ile Pro Ser Pro
120 275 280 285
122 Glu Asn Glu Phe Glu Gly Leu Phe Thr Thr His Lys Gly Asn Phe Gln
123 290 295 300
125 Leu Trp Leu Leu Gln Arg Asp Gly Cys Leu Trp Trp Ser Pro Ser Ser
126 305 310 315 320
128 Pro Phe Pro Glu Asp Pro Pro Ala His Leu Glu Val Leu Ser Glu Arg
129 325 330 335
131 Arg Trp Gly Val Thr Gln Ala Gly Asp Ala Gly Ala Glu Asp Lys Gly
132 340 345 350
134 Pro Leu Leu Glu Pro Val Gly Ser Glu Arg Ala Gln Asp Thr Tyr Leu
135 355 360 365
137 Val Leu Asp Glu Trp Leu Leu Pro Arg Cys Pro Cys Ser Glu Asn Leu
138 370 375 380
140 Ser Gly Pro Gly Asp Ser Val Asp Pro Ala Thr Met Asp Glu Gly Ser

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141 385          390          395          400
143 Glu Thr Ser Ser Cys Pro Ser Asp Leu Ala Ser Lys Pro Arg Pro Glu
144          405          410          415
146 Gly Thr Ser Pro Ser Ser Phe Glu Tyr Thr Ile Leu Asp Pro Ser Ser
147          420          425          430
149 Lys Leu Leu Cys Pro Arg Ala Leu Pro Pro Glu Leu Pro Pro Thr Pro
150          435          440          445
152 Pro His Leu Lys Tyr Leu Tyr Leu Val Val Ser Asp Ser Gly Ile Ser
153          450          455          460
155 Thr Asp Tyr Ser Ser Gly Gly Ser Gln Gly Val His Gly Asp Ser Ser
156 465          470          475          480
158 Asp Gly Pro Tyr Ser His Pro Tyr Glu Asn Ser Leu Val Pro Asp Thr
159          485          490          495
161 Glu Pro Leu Arg Pro Ser Tyr Val Ala Cys Ser
162          500          505
164 <210> SEQ ID NO: 3
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166 <212> TYPE: PRT
167 <213> ORGANISM: Homo sapiens
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172 1          5          10          15
174 Pro Gln Gly Gly
175          20
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187 Pro Leu Gly Gly
188          20
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191 <211> LENGTH: 20
192 <212> TYPE: PRT
193 <213> ORGANISM: Homo sapiens
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200 Pro Leu Gly Gly
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204 <211> LENGTH: 20
205 <212> TYPE: PRT
206 <213> ORGANISM: Homo sapiens
208 <400> SEQUENCE: 6
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211 1          5          10          15

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213 Pro Gly Gly Gly
214 20
216 <210> SEQ ID NO: 7
217 <211> LENGTH: 20
218 <212> TYPE: PRT
219 <213> ORGANISM: Homo sapiens
221 <400> SEQUENCE: 7
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224 1 5 10 15
226 Tyr Lys Gly Gly
227 20
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230 <211> LENGTH: 14
231 <212> TYPE: PRT
232 <213> ORGANISM: Homo sapiens
234 <400> SEQUENCE: 8
236 Gly Gly Cys Arg Ile Gly Pro Ile Thr Trp Val Cys Gly Gly
237 1 5 10

VERIFICATION SUMMARY

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